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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 24571
Title: Clinical scenarios for the use of S100β as a marker of hepatic encephalopathy
Reviewer's code: 00051758
Reviewer's country: Italy
Science editor: Jing Yu
Date sent for review: 2016-01-30 12:13
Date reviewed: 2016-02-09 16:52

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[ ] Accept
[Y] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[ ] Minor revision
[ ] Grade E: Poor		[Y] No	[Y] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

1) The authors need to Discuss their findings in relation to the 2014 EASL-AASLD guidelines, i.e. minimal versus covert HE. 2) If S100-beta is metabolised in the kidney would any degree of functional or organic renal dysfunction affect its levels? Did any of the patients have any degree of renal dysfunction? 3) Exactly as in their own PHES validation study (reference 15), patients qualified as having MHE were older, less educated and considerably more hyperammonaemic than both other groups of patients. Can we trust the overall classification of neuropsychiatric status? PHES averages need to be provided and discussed, and in Table 2 minimal needs to be split from overt. 4) It would be very interesting to present/discuss patients with discordant results (for example, low ammonia, low S100-beta and abnormal PHES).

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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 24571
Title: Clinical scenarios for the use of S100β as a marker of hepatic encephalopathy
Reviewer's code: 03536035
Reviewer's country: Singapore
Science editor: Jing Yu
Date sent for review: 2016-01-30 12:13
Date reviewed: 2016-02-09 18:52

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[Y] Accept
[Y] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[ ] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

Interesting study where the group with HE, MHE , cirrhosis and control were compared. Needs monitor polishing of language.

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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology
ESPS manuscript NO: 24571
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Reviewer's country: China
Science editor: Jing Yu
Date sent for review: 2016-01-30 12:13
Date reviewed: 2016-02-10 11:33

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[ ] Accept
[Y] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] The same title	[Y] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[ ] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

This manuscript mainly described the association between serum concentrations of S100β and the presence of low-grade HE in patients with liver cirrhosis. And the result suggested that S100β could help in the correct characterization of incipient stages of HE. The content was interesting and meaningful, and it could supply the foundation for the clinical research in the future. Therefore, in my opinion, it reaches the standard of publication.